

WHAT IS CLAIMED IS:

1. A safety connector with power breaker, comprising:

a base, is a square frame and further comprising a closed board at its front, two through holes at the ends of the said closed board, and a groove opening corresponding to a socket at the rear end of the said base. There is a switch-coupling hole disposed on the top of the said frame, two tracks disposed at the groove opening and an arc radial opening at the bottom of the said track. The conical surface is disposed in the opposite direction before a protrusion coupled to the said base, and a corresponding opening each disposed on a concave wire groove next to the said protrusion and the end of the said groove;

a socket, is a plugging board coupled to a base block, a through hole each on both sides of the said plugging plate corresponding to the inserted hole of the said terminal plate reserved on the said board. Two longitudinal boards extended from the rear side of the said plugging board, a semicircular opening bent downward with an appropriate distance between the said two boards, and a gap being kept between the end of the said board and the said front board for fixing and embedding the corner of the said terminal plate into a position. Two square groove sections is disposed on the inner sides corresponding to the said two longitudinal boards, a sliding track disposed at the bottom of the base block, and there is a latch component for latching the middle section of the said sliding track with the said protrusion;

a terminal plate, comprising two long plate components, each being bent to 180° to merge with the middle section of the board surface, and the corner of the bent section of one terminal plate being embedded into the said gap. The bent section of the other terminal plate being a S-shaped board for hooking into the gap, and the conductive pipe opening being mounted to a fixed position;

a conductive board, is a flat plate and further comprising two integrally coupled aslant wing plates, and a tubular section is disposed at the rear end of the said board for clipping the electric wire. An arc board is tilted in front of the said board body for enabling the said conductive plate to precisely run across the rear end of the said plate and in contact with another terminal plate;

a switch, is a T-shaped component coupled to the lower section and having a hole for plugging a bouncing component. There is a contractible valve and a support axle passing through the hole on the T-Shaped component and the hole on the opposite side into the base and the socket formed by two semicircular openings to constitute a balanced direction. The said conductive board is tilting the said arc board for the switching movement at both front and rear sections. The conductive board will bounce off due to the high temperature coefficient to instantly disconnect the power and demonstrate the function of automatic power breaker.

2. The safety connector with power breaker of claim 1, wherein the said base on both sides of the groove, each having a concave track and semicircular opening forms a circumference with the semicircular opening on the section of the said two longitudinal boards of the said socket for fixing the said switch and balancing the said support axle to facilitate the control over the switching function.
3. The safety connector with power breaker of claim 1, wherein the said conductive board comprises two aslant wing plates coupled to the end of the said conductive board for pushing a stopper in the same direction into the square groove section disposed on the bottom of the said two longitudinal boards for the support and mounting effects.
4. The safety connector with power breaker of claim 1, further comprising a protrusion disposed on the surface of the groove of the said base for integrally latching with the arc surface at the bottom of the said socket in the opposite direction.